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Henry et al.

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(54) **VASO-OCCLUSIVE DELIVERY DEVICE
WITH KINK RESISTANT, FLEXIBLE DISTAL
END**

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ABSTRACT

A device for delivering an occlusive element includes an
elongate sheath having a lumen therein. An elongate core
member is disposed within the lumen and is formed from a
proximal portion and distal portion connected via a joint.
The distal portion of the elongate member includes a sever-
able junction secured to the occlusive element. A marker
coil is coaxially arranged around the distal portion of the
elongate core member and is partially disposed inside the
sheath lumen. A coil member is coaxially arranged around
the distal portion of the elongate core member and coaxially
arranged around at least a portion of the marker coil extend-
ing outside the lumen of the sheath. The coil member is
secured at a distal end thereof to the distal portion of the
elongate core member. The device resists axial compression
while allowing for radial bending.

19 Claims, 4 Drawing Sheets

